

 set difference hash table remove[Advanced Scholar Search](#)[Scholar Preferences](#) Search only in Engineering, Computer Science, and Mathematics. Search in all subject areas.**Scholar**  Articles excluding patent - 2003 include citations

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### New hash functions and their use in authentication and set equality

[muntaz \(PDF\)](#)

MN Wegman, JL Carter - Journal of computer and system sciences, 1981 - Elsevier

... DIFF(S S2)Assigns S, to be the symmetric **difference** of S, and S2. ... x, S;) request is encountered, it is necessary to associate with the pair (x, S;) in the first **hash table** a pointer ... A multiset is similar to a **set**, except one counts how many times an element has been inserted into the ...

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### [PDF] CHARM: An efficient algorithm for closed itemset mining

[psu.edu \(PDF\)](#)

MJ Zaki, CJ Hsiao - 2nd SIAM International Conference on Data Mining, 2002 - Citeseer

... 3) It uses a fast **hash-based** approach to eliminate non-closed itemsets during subsumption ... Finally, CHARM uses simple **set difference** (or intersection) operations, and requires no complex internal data ... a tidset Y , we denote its corresponding itemset as i(Y ), ie, the **set** of items ...

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### Removing unnecessary synchronization in Java

[psu.edu \(PDF\)](#)

J Bogda, U Hölzle - Proceedings of the 14th ACM SIGPLAN ..., 1999 - portal.acm.org

... put(x,y) into put(**hashtable**,x,y,o). From the other end of the call site, the method prototype looks like void put(**Hashtable** this, Object ... **Table 2**. Constraints for Phase 2 ... As a final test, we check if hl is reachable from an alias **set** of any formal parameter of m. Since it is not, m's scope ...

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### Perfect hashing functions: a single probe retrieving method for static sets

R Sprugnoli - Communications of the ACM, 1977 - portal.acm.org

... If D is the **set** of divisors of some **difference**  $w_j - w_i$  ( $j > i$ ), condition (3.1) is verified if and only if  $M \sim D$ . In what follows, we suppose  $M \sim D$  if not otherwise stated. We are interested in obtaining remainder reduction perfect **hashing** function of the form: ...

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### The string-to-string correction problem with block moves

WF Tichy - ACM Transactions on Computer Systems (TOCS), 1984 - portal.acm.org

... Once an LCS has been obtained, all symbols that are not included in it are considered **differences**. ... the first  $k - 1$  block moves and any nonempty prefix of move  $k$ . Thus, any **set** equivalent to the ... Note that the index can be prepared in linear time, either by using a **hash table** or by ...

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[psu.edu \[PDF\]](#)

### YAP3: improved detection of similarities in computer program and other texts

MJ Wise - Proceedings of the twenty-seventh SIGCSE technical ..., 1996 - portal.acm.org

... **differences** by either signalling an insertion/deletion (Levenshtein) or by skipping over the extraneous elements (LCS). ... transposed code segments. However, the problem exists of finding the initial **set** of unique. ... PP +, \_, KR **hash**-value for each hit  $m$  **hash-table** do  $k := s$  /\*Extend ...

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### An efficient representation for sparse sets

P Briggs, L Torczon - ACM Letters on Programming Languages and ..., 1993 - portal.acm.org

... We have shown constant-time implementations for member, add-member, and delete-member. ... given the existence of an efficient **set-difference**. 3.2 Comparisons with a Bit Vector Representation **Table I** compares the asymptotic time complexities of several **set** operations ...

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### Minimal perfect hash functions made simple

RJ Cichelli - Communications of the ACM, 1980 - portal.acm.org

... The only observable **difference** is that women appear to be more uniform in their academic ... The backtracking search procedure then attempts to find a **set** of associated values which will ... is allowed to be associated with a character, and the density of the resultant **hash table**. ...

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[psu.edu \[PDF\]](#)

### Wide-area cooperative storage with CFS

F Dabek, MF Kaashoek, D Karger, R ... - Proceedings of the ..., 2001 - portal.acm.org

... significant bits in the ID-space distance between  $n_i$  and the target key  $id$ , and the **ones** function counts how many bits are **set** in that **difference**; this is ... If the node at that IP address admits to having  $n$ 's ID, and the claimed IP address and virtual node index **hash** to the ID, then ...

[Cited by 1649](#) - Related articles - [SI Direct](#) - All 127 versions

[cnu.ac.kr \[PDF\]](#)

### [PDF] A study of index structures for main memory database management systems

TJ Lehman, MJ Carey - Conference on Very Large Data Bases, 1986 - cse.cnu.ac.kr

... The main **difference** is that comparisons are made with the minimum and maximum values of the ... To retrieve a **set** of tuple pointers corresponding to a single value, one simply searches ... Linear **Hashing** is very similar to **Chain-bucket Hashing**, except that its **hash table** is dynamic ...

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### [CITATION] A comparison of two process tracing methods for choice tasks

GL Lohse, EJ Johnson - System Sciences, 1996., Proceedings of the Twenty- ..., 1996

[columbia.edu \(PDF\)](#)

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### Comparison of two information retrieval methods on videotex: Tree-structure versus alphabetical **directory**

JW Tombaugh, SA McEwen - ... of the 1982 conference on Human ..., 1982 - portal.acm.org

Comparison of Two Information Retrieval Methods on Videotex: Tree-structure Versus Alphabetical **Directory** ... p>15), users tended to switch out of the tree method and into the **directory** method more often than in the opposite direction and this **difference** was statistically ...

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### Fast text access methods for optical and large magnetic disks: Designs and performance **comparison**

C Fabritsos, R Chan - ... of the 14th International Conference on ..., 1988 - books.google.com

Fast Text Access Methods for Optical and Large Magnetic Disks: Designs and Performance Comparison. ... which returns values in the range (0,(5—1)) and determines the slot in the **directory**. The **difference** is that DCBS makes an effort to dis- tinguish among synonyms, by using ...

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### Comparison and analysis of software and **directory** coherence schemes

YC Chen, AV Veidenbaum - Proceedings of the 1991 ACM/IEEE ..., 1991 - portal.acm.org

... The goals of this study are to **compare** the perfor- mance of a software scheme and a ... A detailed classification and analysis of the invalidations show their impact on performance for the **directory** scheme. ... shared at compile time, and the **difference** in their cache behavior is shown ...

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### An empirical **comparison** of the Kendall Square Research KSR-1 and Stanford DASH multiprocessors

JP Singh, T Joe, JL Hennessy, A ... - Proceedings of the 1993 ..., 1993 - portal.acm.org

... In this paper, we **compare** the parallel perfor- mance of a recent realizatwn of each type of ... in common, including a shared address space with physically dktributed memory, a scalable

interconnection network and **directory**-baaed cache ... However, they have important **differences** ...

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### A comparison of large-scale software installation methods on NT and UNIX

[psu.edu \[PDF\]](#)

M Gomberg, R Evard, C Stacey - Proceedings of the Large Installation ..., 1998 - usenix.org

... Shortcut: Allows us to copy .lnk files to the right places without remaining linked to the source location. Windiff: A graphical comparison tool that can be used to look **directory differences**.

Instsrv: Allows installation of services from the command line. ...

Cited by 7 - Related articles - All 9 versions

### [PDF] A comparison of Internet resource discovery approaches

[psu.edu \[PDF\]](#)

MF Schwartz, A Emrige, B Kahle, BC Neuman - Computing Systems, 1992 - Citeseer

... For example, one can enumerate all possible entries in one or a small number of X.500 servers and **compare** them with a presented key, even if there is no index. ... Attribute-based naming highlights another **difference** between an index and a **directory** graph. ...

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### An evaluation of **directory** schemes for cache coherence

[psu.edu \[PDF\]](#)

A Agarwal, R Simoni, J Hennessy, M ... - Proceedings of the 15th ..., 1988 - portal.acm.org

... While the bus cycles metric allows us to **compare** the relative merits of various cache ... is used to accomplish that specification (eg, write-through with bus snooping, cen- tralized **directory**). ... This distinction and the **difference** in cost asso- ciated with some events accounts for their ...

Cited by 462 - Related articles - [BL Direct](#) - All 26 versions

### The AT&T Internet **Difference** Engine: Tracking and viewing changes on the web

F Dougis, T Ball, YF Chen, E Koutsofios - World Wide Web, 1998 - Springer

... comprised of four sen- tences and turned it into a list (<UL>) of four sentences (each starting with <LI>), no **difference** would be flagged because the content matches exactly. At the other extreme, one can view HTML as a hier- archical document and **compare** the parse tree or ...

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### [PDF] Performance **comparison** of alternative web caching techniques

[queensu.ca \[PDF\]](#)

H Hassanein, Z Liang, P Martin - Proceedings of the Seventh ..., 2002 - tr.cs.queensu.ca

... In this paper, we **compare** a number of Web caching techniques ... Both use a Bloom Filter to represent the **directory** of cache content ... The major **difference** between them is that Summary Cache extends ICP to update the **directory**, while Digest Cache uses HTTP to transfer **directory** ...

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[\[PDF\] Designing a generalized NF2 model with an SQL-type language interface](#)

vlldb.org (PDF)

P Pistor, F Andersen - Proceedings of the 12th International Conference ..., 1986 - vldb.org

... 2 (2.3) b/l,'HERE boolean-expr or by a concrete query on **table** DESCRIPTORS: ... accessing elements by s~lscripts Multiset-Specific Operations intersect ion, **set difference**, binary union ... Comparison Operations l ists, multisets, template matching ("wi ld cards") strings nume ral s ...

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[Comparing program phase detection techniques](#)

psu.edu (PDF)

AS Dhadapkar, JE Smith - Proceedings of the 36th annual IEEE/ ..., 2003 - portal.acm.org

... Since the relative working set distance is a normalized metric, the maximum possible working **set difference** is 100%. ... Comparison ... The microarchitecture parameters used for performance measurements are shown in **Table 1**. The results presented are averaged over all SPEC ...

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[\[CITATION\] Algorithms for approximate FSM traversal](#)

H Cho, GD Hachtel, E Macii, B Plessier, F Somenzi - 30th Conference on Design ..., 1993

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[Efficient computation of subqueries in complex olap](#)

unibz.it (PDF)

MO Akinde, HB Michael... - 2003 - computer.org

... in an OLAP context with huge fact ta- bles, where performing joins or **set-difference** operations can ... Figure 4 shows the performance for a query containing the quantified comparison predicate ALL. The **table** sizes for both the inner and outer query was 40k, 80k, 120k, and 160k ...

Cited by 13 - Related articles - Bl. Direct - All 8 versions

[A query service for a software engineering database system](#)

M Tedjini, I Thomas, G Benoliel, F Gallo, ... - Proceedings of the ..., 1990 - portal.acm.org

... Section 4 contains a comparison of the DQMCS with other work on query mechanisms for software engineering data ... Performs the **set difference** between two compatible relationship **tables**. ... We

now discard those columns of the **table** that no longer interest us (all of them except ...)

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### An efficient representation for sparse sets

P Briggs, L Torczon - ACM Letters on Programming Languages and ..., 1993 - portal.acm.org

... given the existence of an efficient **set-difference**. ... **Table I.** Asymptotic Time Complexities ... Vector

Sparse member  $o(1)$   $o(1)$  add-member  $o(1)$   $o(1)$  delete-member  $o(1)$   $o(1)$  clear-set  $o(u)$   $o(1)$

$cl$ oose-on  $e o(u)$   $o(1)$  cardin ali tey  $o(u)$   $o(1)$  forall  $o(u)$   $o(7$)$  copy  $o(u)$   $o(71)$  **compare**  $o(u)$  ...

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### Query processing techniques in the summary-table-by-example database query language

G Özsoyölu, V Matos, M Özsoyölu - ACM Transactions on ..., 1989 - portal.acm.org

... All the queries use a Symphony Database with five relations and one summary **table**, which are ...

one can push the negation inside by rearranging the formula and then **remove** each negation ...

to the left of an atomic formula (eg,  $\sim(a < b)$ ) by replacing the comparison operator with ...

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[vcsu.edu \(PDF\)](#)

### Fuzzy rough set techniques for uncertainty processing in a relational database

T Beaubouef, FE Petry - International Journal of Intelligent ..., 2000 - interscience.wiley.com

... See **Table VI** of the Appendix for an example. ... The most useful of these for database purposes

are **set difference**, union, and intersection. ... 4 In rough intersection, comparison of tuple values

is based on redundancy, as opposed to the standard relational model, which bases ...

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[psu.edu \(PDF\)](#)

### Set-oriented production rules in relational database systems

J Widom, SJ Finkelstein - Proceedings of the 1990 ACM SIGMOD ..., 1990 - portal.acm.org

... and ex- isted prior to the first transliton Note our "mls- use" of the **set difference** operator here ... name,

empno (which 1s umque-a key for the **table**), salary, and deptno **Table** dept mam ... throughout the

paper Example 3.1 Our first example dustrates the "cas- caded delete" method of ...

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### Isolating cause-effect chains from computer programs

A Zeller - ACM SIGSOFT Software Engineering Notes, 2002 - portal.acm.org

... t with  $c \in c \subseteq c_x / i$  is 1-minimal--that X. Furthermore, the **set difference**  $A = c \setminus c_x$  ... the nar- rowing

process using Delta Debugging, we end up in trouble, as shown in **Table 3.** Step ... test function

is also set up as discussed in Section 2. At which locations do we **compare** executions ...

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